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Feb 7, 1985

DERWENT-ACC-NO: 1985-221924

DERWENT-WEEK: 198536

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TITLE: Recovery of thermostable placental alkaline phosphatase - includes
subjecting extract to heating stage in presence of cadmium sulphate

INVENTOR: VOLODIN, M A

PATENT-ASSIGNEE:

ASSIGNEE

ASTRAKHAN MEDIC INS

CODE

ASTRR

PRIORITY-DATA: 1982SU-3491319 (September 10, 1982)

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PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

☐SU 1138410 A

February 7, 1985

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APPLICATION-DATA:

PUB-NO

APPL-DATE

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DESCRIPTOR

SU 1138410A

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1982SU-3491319

INT-CL (IPC): C12N 9/14

ABSTRACTED-PUB-NO: SU 1138410A

BASIC-ABSTRACT:

Thermostable placental alkaline phosphatase is recovered by: extracting the tissue with NaCl soln.; heating the extract; re-heating in the presence of 0.14-0.18% Cd sulphate at 62-65 deg. C for 1-5 mins.; dialysing, and subjecting to electrophoresis on a polyacrylamide gel.

ADVANTAGE - Inclusion of the Cd sulphate step enhances the yield and simplifies the process.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: RECOVER THERMOSTABLE PLACENTA ALKALINE PHOSPHATASE SUBJECT EXTRACT
HEAT STAGE PRESENCE CADMIUM SULPHATE

DERWENT-CLASS: A96 B04 D16

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